

=> s persephin  
L1 196 PERSEPHIN

=> s l1 (6A) human  
L2 28 L1 (6A) HUMAN

=> duplicate remove  
ENTER L# LIST OR (END):12  
DUPLICATE PREFERENCE IS 'MEDLINE, BIOSIS, USPATFULL, PCTFULL'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
PROCESSING COMPLETED FOR L2  
L3 26 DUPLICATE REMOVE L2 (2 DUPLICATES REMOVED)

=> d 1-26

L3 ANSWER 1 OF 26 USPATFULL  
AN 2003:38351 USPATFULL  
TI Novel genes encoding proteins having prognostic, diagnostic, preventive,  
therapeutic, and other uses  
IN Holtzman, Douglas A., Jamaica Plain, MA, UNITED STATES  
Barnes, Thomas M., Brookline, MA, UNITED STATES  
PI US 2003027998 A1 20030206  
AI US 2001-796753 A1 20010301 (9)  
RLI Continuation-in-part of Ser. No. US 1998-183175, filed on 30 Oct 1998,  
ABANDONED Continuation-in-part of Ser. No. US 2000-599596, filed on 22  
Jun 2000, ABANDONED Division of Ser. No. US 1998-223546, filed on 30 Dec  
1998, ABANDONED Division of Ser. No. US 1999-471179, filed on 23 Dec  
1999, PENDING Continuation-in-part of Ser. No. US 1998-223546, filed on  
30 Dec 1998, ABANDONED Continuation-in-part of Ser. No. US 1999-474072,  
filed on 29 Dec 1999, PENDING Continuation-in-part of Ser. No. US  
1998-224246, filed on 30 Dec 1998, ABANDONED Continuation-in-part of  
Ser. No. US 1999-474071, filed on 29 Dec 1999, ABANDONED  
Continuation-in-part of Ser. No. US 1998-223094, filed on 30 Dec 1998,  
ABANDONED Continuation-in-part of Ser. No. US 2000-514010, filed on 25  
Feb 2000, ABANDONED Continuation-in-part of Ser. No. US 1999-259388,  
filed on 26 Feb 1999, ABANDONED Continuation-in-part of Ser. No. US  
2000-516745, filed on 1 Mar 2000, ABANDONED Continuation-in-part of Ser.  
No. US 2000-597993, filed on 19 Jun 2000, PENDING Continuation-in-part  
of Ser. No. US 1999-336536, filed on 18 Jun 1999, PENDING  
Continuation-in-part of Ser. No. US 2000-630334, filed on 31 Jul 2000,  
PENDING Continuation-in-part of Ser. No. US 1999-365164, filed on 30 Jul  
1999, ABANDONED Continuation-in-part of Ser. No. US 2000-665666, filed  
on 20 Sep 2000, PENDING Continuation-in-part of Ser. No. US 1999-399723,  
filed on 20 Sep 1999, ABANDONED Continuation-in-part of Ser. No. US  
2000-667751, filed on 21 Sep 2000, PENDING Continuation-in-part of Ser.  
No. US 1999-409634, filed on 30 Sep 1999, ABANDONED Continuation-in-part  
of Ser. No. US 2000-572002, filed on 15 May 2000, PENDING  
Continuation-in-part of Ser. No. US 1999-312359, filed on 14 May 1999,  
ABANDONED Continuation-in-part of Ser. No. US 2000-606565, filed on 29  
Jun 2000, PENDING Continuation-in-part of Ser. No. US 1999-342687, filed  
on 29 Jun 1999, ABANDONED Continuation-in-part of Ser. No. US  
2000-606317, filed on 29 Jun 2000, PENDING Continuation-in-part of Ser.  
No. US 1999-345464, filed on 30 Jun 1999, ABANDONED  
PRAI US 1999-122458P 19990301 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 22222  
INCL INCLM: 536/023.100  
NCL NCLM: 536/023.100  
IC [7]  
ICM: C07H021-02  
ICS: C07H021-04  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 26 USPATFULL  
AN 2002:301743 USPATFULL  
TI Cystine knot growth factor mutants  
IN Weintraub, Bruce D., Rockville, MD, UNITED STATES  
Szkudlinski, Mariusz W., Potomac, MD, UNITED STATES

PI US 2002169292 A1 21114  
AI US 2001-813398 A1 20010320 (9)  
RLI Continuation of Ser. No. WO 1999-US5908, filed on 19 Mar 1999, UNKNOWN  
PRAI WO 1998-US19772 19980922  
DT Utility  
FS APPLICATION  
LN.CNT 13856  
INCL INCLM: 530/397.000  
INCLS: 514/008.000; 536/023.500; 435/069.400; 435/325.000; 435/320.100  
NCL NCLM: 530/397.000  
NCLS: 514/008.000; 536/023.500; 435/069.400; 435/325.000; 435/320.100  
IC [7]  
ICM: A61K038-22  
ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-575  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 26 USPATFULL  
AN 2002:106258 USPATFULL  
TI Novel neurotrophic factors  
IN Johansen, Teit E., Horsholm, DENMARK  
Sah, Dinah Wen-Yee, Boston, MA, UNITED STATES  
PI US 2002055467 A1 20020509  
AI US 2001-804615 A1 20010312 (9)  
RLI Continuation-in-part of Ser. No. US 1999-347613, filed on 2 Jul 1999,  
PENDING  
PRAI DK 1998-1265 19981006  
DK 1998-1048 19980819  
DK 1998-904 19980706  
US 1998-103908P 19981013 (60)  
US 1998-97774P 19980825 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3980  
INCL INCLM: 514/012.000  
INCLS: 435/226.000; 424/094.630  
NCL NCLM: 514/012.000  
NCLS: 435/226.000; 424/094.630  
IC [7]  
ICM: C12N009-64  
ICS: A61K038-48  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 26 USPATFULL  
AN 2002:4289 USPATFULL  
TI ARTEMIN, A NEUROTROPHIC FACTOR  
IN MILBRANDT, JEFFREY D., ST LOUIS, MO, UNITED STATES  
BALOH, ROBERT H., ST LOUIS, MO, UNITED STATES  
PI US 2002002269 A1 20020103  
AI US 1998-220920 A1 19981224 (9)  
RLI Division of Ser. No. US 1998-218698, filed on 22 Dec 1998, PENDING  
Continuation-in-part of Ser. No. US 1998-163283, filed on 29 Sep 1998,  
ABANDONED  
PRAI US 1998-108148P 19981112 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2669  
INCL INCLM: 530/351.000  
INCLS: 530/839.000; 530/324.000; 536/023.510; 514/012.000; 435/320.100;  
435/325.000; 514/044.000; 530/387.900; 530/388.240; 435/007.100;  
435/006.000  
NCL NCLM: 530/351.000  
NCLS: 530/839.000; 530/324.000; 536/023.510; 514/012.000; 435/320.100;  
435/325.000; 514/044.000; 530/387.900; 530/388.240; 435/007.100;  
435/006.000  
IC [7]  
ICM: C12Q001-68  
ICS: G01N033-53; A61K038-00; C07H021-04; A61K031-70; A01N043-04;  
A61K045-00; C12N015-00; C12N015-09; C12N015-63  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 26 USPATFULL  
 AN 2002:136782 USPATFULL  
 TI Polynucleotides encoding persephin and related growth factors  
 IN Johnson, Jr., Eugene M., St. Louis, MO, United States  
 Milbrandt, Jeffrey D., St. Louis, MO, United States  
 Kotzbauer, Paul T., Swarthmore, PA, United States  
 Lampe, Patricia A., St. Louis, MO, United States  
 PA Washington University, St. Louis, MO, United States (U.S. corporation)  
 PI US 6403335 B1 20020611  
 AI US ~~1998-128026~~ 19980731 (9)  
 RLI Division of Ser. No. US 981739, now patented, Pat. No. US 6232449  
 Continuation-in-part of Ser. No. US 1996-615944, filed on 14 Mar 1996,  
 now abandoned  
 DT Utility  
 FS GRANTED  
 LN.CNT 3796  
 INCL INCLM: 435/069.400  
 INCLS: 435/320.000; 435/325.000; 435/252.300; 536/023.510  
 NCL NCLM: 435/069.400  
 NCLS: 435/252.300; 435/320.100; 435/325.000; 536/023.510  
 IC [7]  
 ICM: C12N015-18  
 ICS: C12N015-85; C12N015-63  
 EXF 536/23.51; 435/69.4; 435/320.1; 435/325; 435/252.3  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 26 PCTFULL COPYRIGHT 2003 Univentio  
 AN 2002078730 PCTFULL ED 20021022 EW 200241  
 TIEN TREATMENT USING NEUBLASTIN POLYPEPTIDES  
 TIFR TRAITEMENT UTILISANT DES POLYPEPTIDES DE NEUBLASTINE  
 IN SAH, Dinah, W., Y., 4 Longfellow Place, Apt. 2608, Boston, MA 02114, US  
 [US, US]  
 PA BIOGEN, INC., 14 Cambridge Center, Cambridge, Massachusetts 02142, US  
 [US, US], for all designates States except US;  
 SAH, Dinah, W., Y., 4 Longfellow Place, Apt. 2608, Boston, MA 02114, US  
 [US, US], for US only  
 AG ELRIFI, Ivor, R., Mintz, Levin, Cohn, Ferris,, Glovsky and Popeo, P.C.,  
 One Financial Center, Bosotn, MA 02111, US  
 LAF English  
 LA English  
 DT Patent  
 PI WO 2002078730 A2 20021010  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ  
 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ  
 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ  
 UA UG US UZ VN YU ZA ZM ZW  
 RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
 RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 AI WO 2002-US6388 A 20020228  
 PRAI US 2001-60/287,554 20010328  
 US 2001-09/820,421 20010328  
 ICM A61K038-00

L3 ANSWER 7 OF 26 PCTFULL COPYRIGHT 2003 Univentio  
 AN 2002072826 PCTFULL ED 20020927 EW 200238  
 TIEN NOVEL NEUROTROPHIC FACTORS  
 TIFR NOUVEAUX FACTEURS NEUROTROPHIQUES  
 IN SAH, Dinah, Wen, Yee, Biogen, Inc., 14 Cambridge Center, Cambridge, MA  
 02142, US [US, US];  
 JOHANSEN, Teit, E., NS Gene A/S, Pederstrupvej 93, DK-2750 Ballerup, DK  
 [DK, DK];  
 ROSSOMANDO, Anthony, 50 Asti Avenue, Revere, MA 02151, US [US, US]  
 PA BIOGEN, INC., 14 Cambridge Center, Cambridge, MA 02142, US [US, US], for  
 all designates States except US;  
 NS GENE A/S, Pederstrupvej 93, DK-2750 Ballerup, DK [DK, DK], for all

designates States except ;  
 SAH, Dinah, Wen, Yee, Biogen, Inc., 14 Cambridge Center, Cambridge, MA  
 02142, US [US, US], for US only;  
 JOHANSEN, Teit, E., NS Gene A/S, Pederstrupvej 93, DK-2750 Ballerup, DK  
 [DK, DK], for US only;  
 ROSSOMANDO, Anthony, 50 Asti Avenue, Revere, MA 02151, US [US, US], for  
 US only  
 AG MACLEAN, Martin, Robert, Mathys & Squire, 100 Gray's Inn Road, London  
 WC1X 8AL, GB  
 LAF English  
 LA English  
 DT Patent  
 PI WO 2002072826 A2 20020919  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ  
 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ  
 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ  
 UA UG US UZ VN YU ZA ZM ZW  
 RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
 RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 AI WO 2002-EP2691 A 20020312  
 PRAI US 2001-09/804,615 20010312  
 ICM C12N015-12  
 ICS C07K014-475; A61K038-18; C12Q001-68; C12N001-21; C12N005-10

L3 ANSWER 8 OF 26 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AN 2002:438183 BIOSIS  
 DN PREV200200438183  
 TI Effects of cerebral ischemia in mice deficient in Persephin.  
 AU Tomac, Andreas C.; Agulnick, Alan D.; Haughey, Norman; Chang, Chen-Fu;  
 Zhang, Yajun; Backman, Cristina; Morales, Marisela; Mattson, Mark P.;  
 Wang, Yun; Westphal, Heiner; Hoffer, Barry J. (1)  
 CS (1) National Institutes of Health/National Institute on Drug Abuse, 5500  
 Nathan Shock Drive, Baltimore, MD, 21224: bhoffer@intra.nida.nih.gov USA  
 SO Proceedings of the National Academy of Sciences of the United States of  
 America, (July 9, 2002) Vol. 99, No. 14, pp. 9521-9526.  
<http://www.pnas.org>. print.  
 ISSN: 0027-8424.  
 DT Article  
 LA English

L3 ANSWER 9 OF 26 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
 1  
 AN 2001:473140 BIOSIS  
 DN PREV200100473140  
 TI Persephin and related growth factors.  
 AU Johnson, Eugene M.; Milbrandt, Jeffrey D.; Kotzbauer, Paul T. (1); Lampe,  
 Patricia A.; Klein, Robert; DeSauvage, Fred  
 CS (1) Aston, PA USA  
 ASSIGNEE: Washington University  
 PI US 6222022 April 24, 2001  
 SO Official Gazette of the United States Patent and Trademark Office Patents,  
 (Apr. 24, 2001) Vol. 1245, No. 4, pp. No Pagination. e-file.  
 ISSN: 0098-1133.  
 DT Patent  
 LA English

L3 ANSWER 10 OF 26 USPATFULL  
 AN 2001:147751 USPATFULL  
 TI Artemin, a novel neurotrophic factor  
 IN Milbrandt, Jeffrey D., St. Louis, MO, United States  
 Baloh, Robert H., St. Louis, MO, United States  
 PA Washington University, St. Louis, MO, United States (U.S. corporation)  
 PI US 6284540 B1 20010904  
 AI US 1998-220528 19981224 (9)  
 RLI Division of Ser. No. US 1998-218698, filed on 22 Dec 1998  
 Continuation-in-part of Ser. No. US 1998-163283, filed on 29 Sep 1998

PRAI US 1998-108148P 1998 2 (60)  
DT Utility  
FS GRANTED  
LN.CNT 2590  
INCL INCLM: 435/455.000  
INCLS: 435/320.100; 435/325.000; 435/366.000; 435/368.000; 435/383.000;  
435/384.000; 536/023.500  
NCL NCLM: 435/455.000  
NCLS: 435/320.100; 435/325.000; 435/366.000; 435/368.000; 435/383.000;  
435/384.000; 536/023.500  
IC [7]  
ICM: C12N005-00  
ICS: C12N005-08; C12N015-63; C12N015-85; C07H021-04  
EXF 530/350; 514/44; 435/4; 435/320.1; 435/5; 435/29; 536/23.5  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 11 OF 26 USPATFULL  
AN 2001:71683 USPATFULL  
TI Persephin and related growth factors  
IN Johnson, Jr., Eugene M., St. Louis, MO, United States  
Milbrandt, Jeffrey D., St. Louis, MO, United States  
Kotzbauer, Paul T., Swarthmore, PA, United States  
Lampe, Patricia A., St. Louis, MO, United States  
PA Washington University, St. Louis, MO, United States (U.S. corporation)  
PI US 6232449 B1 20010515  
WO 9733911 19970918  
AI US 1998-981739 19980831 (8)  
WO 1997-US3461 19970314  
19980831 PCT 371 date  
19980831 PCT 102(e) date  
RLI Continuation-in-part of Ser. No. US 1996-615944, filed on 14 Mar 1996,  
now abandoned  
DT Utility  
FS Granted  
LN.CNT 3790  
INCL INCLM: 530/399.000  
INCLS: 530/350.000  
NCL NCLM: 530/399.000  
NCLS: 530/350.000  
IC [7]  
ICM: C07K014-48  
EXF 530/350; 530/399; 930/20  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 12 OF 26 PCTFULL COPYRIGHT 2003 Univentio  
AN 2001081363 PCTFULL ED 20020826  
TIEN NOVEL COMPOUNDS  
TIFR NOUVEAUX COMPOSES  
IN AGARWAL, Pankaj;  
MURDOCK, Paul, R.;  
RIZVI, Safia, K.;  
SMITH, Randall, F.;  
XIANG, Zhaoying;  
KABNICK, Karen, S.;  
LAI, Ying-Ta;  
XIE, Qing  
PA SMITHKLINE BEECHAM CORPORATION;  
SMITHKLINE BEECHAM P.L.C.;  
AGARWAL, Pankaj;  
MURDOCK, Paul, R.;  
RIZVI, Safia, K.;  
SMITH, Randall, F.;  
XIANG, Zhaoying;  
KABNICK, Karen, S.;  
LAI, Ying-Ta;  
XIE, Qing  
DT Patent  
PI WO 2001081363 A1 20011101  
DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ

DE DK DM DZ ES FI GB GD GE GH GM HR HU ID IN IS JP KE  
 KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO  
 NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ  
 VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG  
 KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC  
 NL PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

AI WO 2001-US13360 A 20010426  
 PRAI US 2000-60/199,963 20000427  
 US 2000-60/203,336 20000511  
 US 2000-60/207,087 20000525  
 US 2000-60/207,546 20000526  
 ICM C07H021-04  
 ICS C12P021-06; C12N009-00; C12N001-20; C12N015-00

L3 ANSWER 13 OF 26 PCTFULL COPYRIGHT 2003 Univentio  
 AN 2001062273 PCTFULL ED 20020822  
 TIEN THE USE OF GDNF FAMILY-RELATED COMPOUNDS FOR MANUFACTURING PRODUCTS FOR  
 TREATING TESTICULAR TUMORS  
 TIFR UTILISATION DE COMPOSES DE LA FAMILLE GDNF POUR FABRIQUER DES PRODUITS  
 DESTINES AU TRAITEMENT DE TUMEURS TESTICULAIRES  
 IN SARIOLA, Hannu;  
 MENG, Xiaojuan;  
 HYVOENEN, Mervi;  
 LINDAHL, Maria;  
 SAARMA, Mart  
 PA SARIOLA, Hannu;  
 MENG, Xiaojuan;  
 HYVOENEN, Mervi;  
 LINDAHL, Maria;  
 SAARMA, Mart  
 DT Patent  
 PI WO 2001062273 A1 20010830  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE  
 DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG  
 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN  
 YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ  
 MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL  
 PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

AI WO 2001-FI173 A 20010221  
 PRAI FI 2000-20000403 20000222  
 ICM A61K038-18

L3 ANSWER 14 OF 26 PCTFULL COPYRIGHT 2003 Univentio  
 AN 2001047946 PCTFULL ED 20020827  
 TIEN GFra1-RET SPECIFIC AGONISTS AND METHODS THEREFOR  
 TIFR AGONISTES SPECIFIQUES POUR GRF\$G(A)1-RET ET PROCEDES CORRESPONDANTS  
 IN MILBRANDT, Jeffrey, D.;  
 BALOH, Robert, H.  
 PA WASHINGTON UNIVERSITY;  
 MILBRANDT, Jeffrey, D.;  
 BALOH, Robert, H.

DT Patent  
 PI WO 2001047946 A2 20010705  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE  
 DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG  
 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN  
 YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ  
 MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL  
 PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

AI WO 2000-US34852 A 20001221  
 PRAI US 1999-09/473,551 19991228

L3 ANSWER 15 OF 26 PCTFULL COPYRIGHT 2003 Univentio  
 AN 2001016169 PCTFULL ED 20020828  
 TIEN RET LIGAND 5 (RetL5) COMPOSITIONS AND USES THEREOF  
 TIFR COMPOSITIONS A BASE DE LIGAND 5 (RetL5) ET SES UTILISATIONS  
 IN WORLEY, Dane

PA BIOGEN, INC.;  
 WORLEY, Dane  
 DT Patent  
 PI WO 2001016169 A2 20010308  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE  
 DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG  
 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN  
 YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ  
 MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL  
 PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

AI WO 2000-US24111 A 20000901  
 PRAI US 1999-60/152,024 19990901  
 ICM C07K014-00

L3 ANSWER 16 OF 26 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
 AN 2001:276933 BIOSIS  
 DN PREV200100276933  
 TI Production, purification, and biological activity analysis of recombinant  
**human Persephin** expressed in insect cells.  
 AU Chen, Zhe-Yu (1); Zheng, Xing-Dong; Cao, Li; Lu, Chang-Lin; Wu, Xiang-Fu;  
 He, Cheng (1)  
 CS (1) Department of Neurobiology, Second Military Medical University, 800  
 Xiangyin Road, Shanghai, 200433: chengzyk@online.sh.cn,  
 chenghe@online.sh.cn China  
 SO Protein and Peptide Letters, (April, 2001) Vol. 8, No. 2, pp. 131-138.  
 print.  
 ISSN: 0929-8665.  
 DT Article  
 LA English  
 SL English

L3 ANSWER 17 OF 26 PCTFULL COPYRIGHT 2003 Univentio  
 AN 2000034475 PCTFULL ED 20020515  
 TIEN GRNF4, A GDNF-RELATED NEUROTROPHIC FACTOR  
 TIFR FACTEUR DE CROISSANCE NEUROTROPHIQUE ISSU DES CELLULES GLIALES (GRNF4),  
 UN FACTEUR NEUROTROPHIQUE  
 IN SIMONET, William, Scott;  
 ASUNCION, Franklin, J.;  
 MIN, Hosung;  
 JING, Shuqian  
 PA AMGEN INC.;  
 SIMONET, William, Scott;  
 ASUNCION, Franklin, J.;  
 MIN, Hosung;  
 JING, Shuqian  
 LA English  
 DT Patent  
 PI WO 2000034475 A2 20000615  
 DS W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM  
 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
 LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU  
 SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH  
 GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT  
 BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF  
 CG CI CM GA GN GW ML MR NE SN TD TG

AI WO 1999-US28975 A 19991208  
 PRAI US 1998-60/111,626 19981209  
 ICM C12N015-12  
 ICS C07K014-475; C07K016-22; C12N005-10; C12N005-12; A61K038-18;  
 A61K035-12

L3 ANSWER 18 OF 26 PCTFULL COPYRIGHT 2003 Univentio  
 AN 2000018799 PCTFULL ED 20020515  
 TIEN ARTEMIN, A NOVEL NEUROTROPHIC FACTOR  
 TIFR L'ARTEMINE, UN NOUVEAU FACTEUR NEUROTROPHIQUE  
 IN MILBRANDT, Jeffrey, D.;  
 BALOH, Robert, H.  
 PA WASHINGTON UNIVERSITY;

MILBRANDT, Jeffrey, D.;  
 BALOH, Robert, H.  
 LA English  
 DT Patent  
 PI WO 2000018799 A1 20000406  
 DS W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM  
 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
 LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD  
 SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH GM KE  
 LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH  
 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
 CM GA GN GW ML MR NE SN TD TG  
 AI WO 1999-US22604 A 19990929  
 PRAI US 1998-09/163,283 19980929  
 US 1998-60/108,148 19981112  
 US 1998-09/218,698 19981222  
 ICM C07K014-47  
 ICS C07K014-475; C12N005-10; C12N015-12; C12N015-16; C12N015-63;  
 C12N015-64; A61K038-16; A61K038-17; A61K038-18; A61K039-395;  
 A61K048-00  
 L3 ANSWER 19 OF 26 PCTFULL COPYRIGHT 2003 Univentio  
 AN 2000017360 PCTFULL ED 20020515  
 TIEN CYSTINE KNOT GROWTH FACTOR MUTANTS  
 TIFR MUTANTS DU FACTEUR DE CROISSANCE A NOEUD DE CYSTINE  
 IN WEINTRAUB, Bruce, D.;  
 SZKUDLINSKI, Mariusz, W.  
 PA UNIVERSITY OF MARYLAND, BALTIMORE;  
 WEINTRAUB, Bruce, D.;  
 SZKUDLINSKI, Mariusz, W.  
 LA English  
 DT Patent  
 PI WO 2000017360 A1 20000330  
 DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI  
 GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
 LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI  
 SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD  
 SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES  
 FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW  
 ML MR NE SN TD TG  
 AI WO 1999-US5908 A 19990319  
 PRAI US 1998-PCT/US98/19772 19980922  
 ICM C12N015-16  
 ICS C07K014-59; C07K014-49; C07K014-475; C07K014-495; C07K014-47;  
 C07K014-51; C07K014-575; A61K038-24; G01N033-68  
 L3 ANSWER 20 OF 26 PCTFULL COPYRIGHT 2003 Univentio  
 AN 2000006731 PCTFULL ED 20020515  
 TIEN PERSEPHIN ARF, A PROTEIN ENCODED BY UNSPLICED PERSEPHIN MRNA  
 TIFR LA PERSEPHINE ARF, PROTEINE CODEE PAR UN ARNM DE PERSEPHINE SANS  
 EPISSURE  
 IN JOHNSON, Eugene, M., Jr.;  
 MILBRANDT, Jeffrey, D.;  
 KOTZBAUER, Paul, T.;  
 LAMPE, Patricia, A.;  
 KLEIN, Robert;  
 DE SAUVAGE, Fred  
 PA WASHINGTON UNIVERSITY;  
 GENENTECH, INC.;  
 JOHNSON, Eugene, M., Jr.;  
 MILBRANDT, Jeffrey, D.;  
 KOTZBAUER, Paul, T.;  
 LAMPE, Patricia, A.;  
 KLEIN, Robert;  
 DE SAUVAGE, Fred  
 LA English  
 DT Patent  
 PI WO 2000006731 A2 20000210  
 DS W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES



FI GB GD GE GM HR HU ID IL IN IS JP KE KG KR KZ LC LK  
 LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RU SD SE SG  
 SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH GM KE LS MW  
 SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK  
 ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN  
 GW ML MR NE SN TD TG

AI WO 1999-US17277 A 19990730  
 PRAI US 1998-09/126,799 19980731  
 ICM C12N015-12  
 ICS C12N015-11; C07K014-475; C07K016-22; C12Q001-68; G01N033-53

L3 ANSWER 21 OF 26 PCTFULL COPYRIGHT 2003 Univentio  
 AN 2000004050 PCTFULL ED 20020515  
 TIEN NEUROTROPHIC GROWTH FACTOR  
 TIFR FACTEUR DE CROISSANCE NEUROTROPHIQUE  
 IN GEERTS, Hugo, Alfonso;  
 MASURE, Stefan, Leo, Jozef;  
 MEERT, Theo, Frans;  
 CIK, Miroslav;  
 VER DONCK, Luc, August, Laurentius

PA JANSSEN PHARMACEUTICA N.V.;  
 GEERTS, Hugo, Alfonso;  
 MASURE, Stefan, Leo, Jozef;  
 MEERT, Theo, Frans;  
 CIK, Miroslav;  
 VER DONCK, Luc, August, Laurentius

LA English  
 DT Patent

PI WO 2000004050 A2 20000127

DS W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
 FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
 LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG  
 SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH GM KE LS MW  
 SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK  
 ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN  
 GW ML MR NE SN TD TG

AI WO 1999-EP5031 A 19990714  
 PRAI GB 1998-9815283.8 19980714  
 US 1999-09/248,772 19990212  
 US 1999-09/327,668 19990608  
 ICM C07K014-475  
 ICS C12N015-11; C12N015-63; C12N005-16; A61K038-18; G01N033-53;  
 G01N033-68; C12Q001-68

L3 ANSWER 22 OF 26 PCTFULL COPYRIGHT 2003 Univentio  
 AN 2000001815 PCTFULL ED 20020515  
 TIEN NEUROTROPHIC FACTORS  
 TIFR FACTEURS NEUROTROPHIQUES

IN JOHANSEN, Teit, E.;  
 BLOM, Nikolaj;  
 HANSEN, Claus

PA NEUROSEARCH A/S;  
 JOHANSEN, Teit, E.;  
 BLOM, Nikolaj;  
 HANSEN, Claus

LA English  
 DT Patent

PI WO 2000001815 A2 20000113

DS W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
 FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
 LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG  
 SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH GM KE LS MW  
 SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK  
 ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN  
 GW ML MR NE SN TD TG

AI WO 1999-DK384 A 19990705  
 PRAI DK 1998-1998 00904 19980706  
 US 1998-60/092,229 19980709  
 DK 1998-1998 01048 19980819

US 1998-60/097,774 80825  
 DK 1998-1998 01265 19981006  
 US 1998-60/103,908 19981013  
 US 1999-09/347,613 19990702  
 ICM C12N015-12  
 ICS C07K014-475; C12Q001-68; G01N033-53; G01N033-50; C07K016-22;  
 A61K038-18; A61K048-00; G01N033-68  
 L3 ANSWER 23 OF 26 PCTFULL COPYRIGHT 2003 Univentio  
 AN 1999049039 PCTFULL ED 20020515  
 TIEN GFR&alpha;3 AND ITS USES  
 TIFR LE GFR&alpha;3 ET SES UTILISATIONS  
 IN DE SAUVAGE, Frederic, J.;  
 KLEIN, Robert, D.;  
 PHILLIPS, Heidi, S.;  
 ROSENTHAL, Arnon  
 PA GENENTECH, INC.  
 LA English  
 DT Patent  
 PI WO 9949039 A2 19990930  
 DS W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
 FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
 LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG  
 SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW GH GM KE LS MW SD  
 SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES  
 FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW  
 ML MR NE SN TD TG  
 AI WO 1999-US6098 A 19990319  
 PRAI US 1998-60/079,124 19980323  
 US 1998-60/081,569 19980413  
 ICM C12N015-12  
 ICS C07K014-71; C12N015-85; C12N015-70; C12N015-81; C12N001-19;  
 C12N005-10; C12N001-21; C07K019-00; C07K016-28; G01N033-68;  
 C12Q001-42; A61K039-395  
 L3 ANSWER 24 OF 26 PCTFULL COPYRIGHT 2003 Univentio  
 AN 1999014235 PCTFULL ED 20020515  
 TIEN PERSEPHIN AND RELATED GROWTH FACTORS  
 TIFR PERSEPHINE ET FACTEURS DE CROISSANCE ASSOCIES  
 IN JOHNSON, Eugene, M.;  
 MILBRANDT, Jeffrey, D.;  
 KOTZBAUER, Paul, T.;  
 LAMPE, Patricia, A.;  
 KLEIN, Robert;  
 DeSAUVAGE, Fred  
 PA WASHINGTON UNIVERSITY;  
 JOHNSON, Eugene, M.;  
 MILBRANDT, Jeffrey, D.;  
 KOTZBAUER, Paul, T.;  
 LAMPE, Patricia, A.;  
 KLEIN, Robert;  
 DeSAUVAGE, Fred  
 LA English  
 DT Patent  
 PI WO 9914235 A1 19990325  
 DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI  
 GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT  
 LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL  
 TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW  
 AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR  
 IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN  
 TD TG  
 AI WO 1998-US19163 A 19980915  
 PRAI US 1997-08/931,858 19970916  
 ICM C07K014-475  
 ICS C07K016-26; C12N015-18; C12N015-85; C12N015-63; C07H021-00;  
 A61K038-18; A61K048-00; C12Q001-68; G01N033-53; C12P019-34

AN '1999172098 MEDLINE  
 DN 99172098 PubMed ID: 10072588  
 TI Assignment of **persephin** (PSPN), a **human** neurotrophic factor, to chromosome 19p13.3 by radiation hybrid mapping and somatic cell hybrid PCR.  
 AU Chadwick B P; Helbling L A; Angrist M; Chakravarti A; Gusella J F; Slaugenhaupt S A  
 CS Molecular Neurogenetics Unit, Massachusetts General Hospital, Charlestown MA, USA.  
 NC NS36326 (NINDS)  
 SO CYTOGENETICS AND CELL GENETICS, (1998) 83 (3-4) 236-7.  
 Journal code: 0367735. ISSN: 0301-0171.  
 CY Switzerland  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199903  
 ED Entered STN: 19990413  
 Last Updated on STN: 19990413  
 Entered Medline: 19990330

L3 ANSWER 26 OF 26 PCTFULL COPYRIGHT 2003 Univentio

AN 1997033911 PCTFULL ED 20020514

TIEN PERSEPHIN AND RELATED GROWTH FACTORS

TIFR PERSEPHINE ET FACTEURS DE CROISSANCE ASSOCIES

IN JOHNSON, Eugene, M., Jr.;

MILBRANDT, Jeffrey, D.;

KOTZBAUER, Paul, T.;

LAMPE, Patricia, A.

PA WASHINGTON UNIVERSITY;

JOHNSON, Eugene, M., Jr.;

MILBRANDT, Jeffrey, D.;

KOTZBAUER, Paul, T.;

LAMPE, Patricia, A.

LA English

DT Patent

PI WO 9733911

A1 19970918

DS W:

AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB

GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN

MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US

UZ VN YU GH KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT

BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG

CI CM GA GN ML MR NE SN TD TG

AI WO 1997-US3461 A 19970314

PRAI US 1996-8/615,944 19960314

ICM C07K014-475

ICS C07K016-26; C12N015-18; C12N015-85; C12N015-63; C12N001-21;  
 C07H021-00; A61K038-18; A61K048-00; C12Q001-68; G01N033-53;  
 C12P019-34